NR/L2/SIG/30014/G130/EL53
Non-Conceptual Test Plan
Convert PIN Code 202 (Style QS1) relay and plugboard to PIN Code 201 (Style QS2) relay and plugboard
Issue No. 01
Issue Date: 02/06/12
Compliance Date: 01/12/12

Safety:



The installation work shall be carried out by a competent person independent of the person undertaking the testing

Includes:	Change of PIN Code 202 (Style QS1) relay and relay plugboard for PIN Code 201 (Style QS2) relay and relay plugboard.
Excludes:	Change of any other Relay and Relay plugboard combination; Like for like renewal of relay; Like for like renewal of relay plugboard.

BEFORE INSTALLATION WORK

01 Check replacement plugboard is Not Damaged and is Correct Type (pin code 201) and is of a non-phenolic type.

02 Check plugboard is free of contamination.

03 WIRE COUNT existing plugboard to the wiring diagram.

04 Check existing wiring has Safe Insulation.

05 Check existing wiring is Correctly Labelled.

06 Check existing relay is Correct Labelled.

07 Check replacement plug-in relay is Not Damaged (contact spring alignment, internal contamination including zinc flakes, relay comb alignment, loose object) and is Correct Type.

08 Check replacement plug-in relay is correctly sealed.

09 Check signal box controlling device, relays, and either equipment on the ground or the state of any detection, are in correspondence.

AFTER INSTALLATION WORK

10 Check replacement plugboard is Correctly Installed and Correctly Labelled.

11 Check wiring is correctly replaced to new diagram and relabelled, including Check that (where in use) back contact A2-A3 is correctly re-allocated to back contact A5-A6 (Wire previously in A2 to go in A5, wire previously in A3 to go in A6)

12 Check connectors are locked in the plugboard.

13 WIRE COUNT replacement plugboard to new diagram.

Documents Document Sharing Hub

Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS
Full document details: NR NR-L2-SIG-30014-G130-EL53 2012

Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 19:46:40 MDT

14 Check PIN Code 201 relay is Correctly Installed to plugboard and the retaining clip is in place.

15 Check for correct voltage and polarity across the coil.

16 Check replacement plug-in relay operates correctly.

Note: Check correct operation means observing the correct operation of the relay itself and confirming correct operation of each function operated by the unit. For example, a route can be set, points operated normal and reverse, etc.

17 Check or arrange for Correct Labelling of the relay and plugboard.

18 Check that Technician's Copy records have been updated to reflect the changes made to equipment. Where necessary, replacement diagrams shall be ordered via your Section Manager (Signals).

End

Documents
Document Sharing Hub
Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS
Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 19:46:40 MDT
Full document details: NR NR-L2-SIG-30014-G130-EL53 2012